

projections for Vance County, its townships and other localities. Residential land use needs were forecast by multiplying an existing acres per person factor for each area times the projected population increase for each locality. Transportation land use needs and public and semi-public land use needs were obtained in a similar fashion except an itemized factor of acres per person was used. Commercial and industrial land use needs were calculated by determining the existing number of commercial or industrial workers per acre and multiplying that factor times the projected number of commercial or industrial workers projected to work in a particular area by the year 2000. Mining and quarry operations were extracted and re-entered into the industrial projections due to their relatively low employment per acre factor. Also the projections and amount of land use by category will differ from those figures provided in the Region K Land Use Element due to the more refined and detailed acreage calculations which were made. The results of these calculations are provided in Tables 7 through 12. The types of land use needs provided in these tables relate to the intensive use of the land, that is, uses which generate a fair amount of construction. Non-intensive land uses such as agriculture and forest uses were not calculated since population needs for these uses are difficult to ascertain and since the non-intensive uses of the land will usually be reduced to make way for intensive uses of the land.

Tables 7 through 12 clearly indicate that Vance County's anticipated development will occur within the Henderson Township. This will occur due to the township population projections which